



CERTIFICATE OF MAILING

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Attorney for Applicant(s)

PATENT APPLICATION

Docket No.: SJO920030100US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Scott J. Colbeck et al.)
Serial No.: 10/763,528)
Filing Date: January 23, 2004) Group Art
For: GUI-BASED GRID COMPUTING DATA) Unit:
MANAGEMENT APPARATUS METHOD AND)
SYSTEM)

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement discloses information which has come to the attention of applicant and his attorneys and is being submitted so as to comply with the duty of disclosure set forth in 37 C.F.R. § 1.56. In accordance with 37 C.F.R. § 1.97(b), this Statement is being filed within three (3) months of the filing date of the above-identified application or before the mailing date of a first Action on the merits.

Neither applicant nor his attorneys make any representation that any information disclosed herein may be "prior art" within the meaning of that term under 35 U.S.C. §§ 102 or 103. Moreover, pursuant to 37 C.F.R. § 1.97, the filing of this Information Disclosure Statement

shall not be construed as a representation that a search has been made or as an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37

C.F.R. § 1.56(b).

In accordance with 37 C.F.R. § 1.98, this Information Disclosure Statement includes and is accompanied by:

1. A completed copy of Form PTO-1449 listing the patents, publications and other information being submitted for consideration; and
2. A legible copy of each publication and other item of information in written form listed on the enclosed Form PTO-1449.

NON-ENGLISH INFORMATION

Pursuant to 37 C.F.R. § 1.98, following is a concise explanation of the relevance (as it is presently understood by the individual designated in 37 C.F.R. § 1.56(c) most knowledgeable about the content of the information), of each listed patent, publication or other information that is not in the English language.

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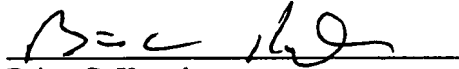
Abstract

Novelty: A grid file system for storing the files and offering a service by using the storage of a personal computer and the network resources distributed worldwide is provided to transmit the large capacity of the data regardless of a bandwidth by dispersing the bandwidth requested in the file transfer depending on the number of the personal ****computers**** in a ****grid**** area.

Detailed Description: A grid file system server fragments the file of the large capacity and ****replicates**** the fragment files. The replica files are dispersed in the personal ****computers**** participating in the ****grid**** file system service. If the specific data are requested, the file search and inquiry are requested for a central server having the file distribution information of the grid file system via a grid file system agent. The files dispersed in the various places are downloaded

sequentially, and added to each other to obtain a complete file. Herein, the parallel processing is possible and the network environment of a high bandwidth is not needed. Thus, a high-quality file service is realized.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "B=C 169", written over a horizontal line.

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Date: April 8, 2004

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FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary)	SERIAL NO. 10/763,528	ATTORNEY DOCKET NO. SJO920030100US1
	FILING DATE January 23, 2004	GROUP ART UNIT 2143
	APPLICANT(S): Scott J. Colbeck et al.	

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINE R INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
/M.F./	A1	6,055,515	04/25/2000	Consestino et al.	705/27	07/30/1996
/M.F./	A2	6,463,454	10/08/2002	Lumelsky et al.	709/105	06/17/1999
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/M.F./	A8	2002/0133491	707/10	Sim et al.	707/10	10/26/2001
/M.F./	A9	2003/0191795	709/105	Bernardin et al.	709/105	11/27/2002
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/M.F./	A11	2004/0019624	01/29/2004	Sukegawa	709/201	01/14/2003
/M.F./	A12	2004/0034822	02/19/2004	Marchand	714/712	05/23/2003

FOREIGN PATENT DOCUMENTS

EXAMINE R INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION	
						YES	NO
/M.F./	A13	KR 2002096027	Dec. 28, 2002		G06F-107/30		

EXAMINER /Mark Fearer/	DATE CONSIDERED 08/07/2007
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).



NON-PATENT DOCUMENTS

EXAMINE R INITIAL		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)
/M.F./	A14	Iamnitchi et al., "A Peer-to-Peer Approach to Resource Location in Grid Environments", Proceedings of the 11 th IEEE International Symposium on High Performance Distributed Computing HPDC-11 2002
/M.F./	A15	Sudharshan Vazhkudai et al., "Predicting the Performance of Wide Area Data Transfers", Proceedings of the 16 th International Parallel and Distributed Processing Symposium (IPDPS 2002), 10 pages.
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/M.F./	A18	Gregor von Laszewski et al., "A File Transfer Component for Grids", 2003 International on Parallel and Distributed Processing Techniques and Applications, June 23-26, 2003, Las Vegas, Nevada, 7 pages.
/M.F./	A19	Folder Clone, "Automated Folder Mirroring Software", www.folderclone.com
/M.F./	A20	Ann Chervenak et al., "Giggle: A Framework for Constructing Scalable Replica Location Services", IEEE Symposium 2002
/M.F./	A21	Salty Brine Software, "FolderClone", www.sharewareorder.com/FolderClone-download-19306.htm

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